

PATENT ABSTRACTS OF JAPAN

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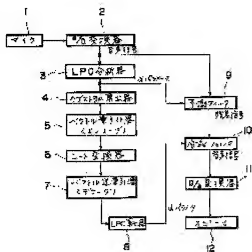
AKAHA MAKOTO

(54) NOISE SUPPRESSION DEVICE

(57)Abstract:

PURPOSE: To provide the device of simple constitution which is low in cost by making an aimed speech and an aimed speech containing a noise correspond to codes according to probability and performing conversion into the aimed speech containing the noise.

CONSTITUTION: A code converter 6 refers to a code conversion table wherein the code bx of a noise-added speech and the code aj of the noiseless speech are made to correspond to each other according to the probability to convert a code, obtained by quantizing a cepstrum coefficient extracted from the noise-added speech into vectors by the vector quantizer 5, into the code of a speech wherein the noise of the noise-added speech is suppressed. A composing filter 10 regenerate a speech signal by using a linear prediction coefficient found from the code.



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